BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/09/2020-21 Dated: 29-01-2021

APPROVED TENDER SCHEDULE –'B'

Item 03

Name of Work :-Providing Street Name board, Fabrication of shed for boating flatform and construction of Rangamandhira at venkatala governament school in ward no -01 of yelahanka Sub division.

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri H V ONKARAPPA	
				Rate	Rate in Words
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications	Cum	3.60	496.41	Four Hundred NinetySix Paise FourtyOne Only
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth including cost of all materials, labour, HOM of Machinery curing cpmplete as per specification No KBS 4.1, 4.2 (Page-12/Item no 4.3 curing complete as per specifications.	cum	0.60	5640.67	Five Thousand Six Hundred Fourty Paise SixtySeven Only
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC 240kgs with 20mm and down size graded granite metal coarse aggregates 0.878 cum and fine aggregtes 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted, in foundation, plinth and cills, including cost of all materials labour HOM curing complete as per specifications.	cum	9.00	5994.45	Five Thousand Nine Hundred NinetyFour Paise FourtyFive Only

4	Fabricating, roviding and erecting in position of Hot dip galvanised M.S Ornmamental secrutiy Grill using 75x12mm M.S flat for alround frame work with verticals at the centre and horizontal centre supporrt M.S square of 20x20mm of different heights as show in the drawing are to be fixed at 16cms c/c for square bars of ull height and at 8 cms c/c for bottom rods, providing ornamental CI designers at the bottom and CI arrows n the middle and top. The entire frame work is to be fixed by means of expansion bolts tto the brick pillars with necessary drilling holes, The work incldues providing two coats of enamel painting over one coat of red lead read mix primer coat etc., complete including cost of all labour, painting , erection charges using hoist pulley cranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all lead and lift.	kgs	16200.00	175.79	One Hundred SeventyFive Paise SeventyNine Only
5	Providing and installing of pre pained Galvalume iron Trapezoidal profiled sheet of approved make 1060mm (1000mm cover width)28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the cetre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm+/-0.02mm tolerance zine alu alloy coating AZ 150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxyprimer on both side of the sheet and polyester top coat 20-22 microns using self drilling/selp tapping screws of 25mm lengt, to be fixed over the existing purlins, rafters, channels and trusses.	Sqm	384.12	760.64	Seven Hundred Sixty Paise SixtyFour Only
6	KSRB 15-18-1: Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface atfter throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour complete as per specifications.	Sqm	650.00	45.33	FourtyFive Paise ThirtyThree Only
7	KSRB 15-18-2: Providing and Applying enamel matal paint two coats (excluding priming coat) over new steel or other metal brushing to give and even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour complete as per specifications.	Sqm	650.00	105.03	One Hundred Five Paise Three Only

	RRB 800-4. Providing and laying plain ment concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89 cum and fine aggregates @0.46 cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials labour, HOM curing form works scaffolding and centering complete as per specifications.	Nos	19.00	7882.79	Seven Thousand Eight Hundred EightyTwo Paise SeventyNine Only
9	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	cum	18.88	5924.87	Five Thousand Nine Hundred TwentyFour Paise EightySeven Only
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum	6.75	6288.82	Six Thousand Two Hundred EightyEight Paise EightyTwo Only
11	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	Nos	88.00	451.08	Four Hundred FiftyOne Paise Eight Only
12	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sqm	13.20	88.45	EightyEight Paise FourtyFive Only

13	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	120.00	1362.07	One Thousand Three Hundred SixtyTwo Paise Seven Only
14	Supply & fixing of Seated Chest Press : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal	each	2.00	221637.50	Two Lakh TwentyOne Thousand Six Hundred ThirtySeven Paise Fifty Only

	pply & fixing of Elliptical Cross Trainer: All oducts must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder	each	1.00	182525.00	One Lakh EightyTwo Thousand Five Hundred TwentyFive Only
16	Supply & fixing of Pull Down Challenger : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder	each	1.00	308728.00	Three Lakh Eight Thousand Seven Hundred TwentyEight Only

17	Supply & fixing of Seated Chest Press : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder	each	1.00	299862.50	Two Lakh NinetyNine Thousand Eight Hundred SixtyTwo Paise Fifty Only
18	Supply & fixing of Self Weighted Rower : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder	each	1.00	215118.75	Two Lakh Fifteen Thousand One Hundred Eighteen Paise SeventyFive Only

	Supply & fixing of HD Double Health Walker : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt	each	1.00	308728.00	Three Lakh Eight Thousand Seven Hundred TwentyEight Only
20	Supply & fixing of HD Waist Twister :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt	each	1.00	169487.50	One Lakh SixtyNine Thousand Four Hundred EightySeven Paise Fifty Only

21	Fixing and installation of a three person body twister station: Size -131 X 100 X 133CM, that consists of three swivel stands that rotates but with a built in safety limitor that meets international safety standards as the arms and shoulders of the user are held square in the overhead hold that is fixed to a monolithic large arc tube center pillar without convex sides & minimal deformation ergonomically curved. The Center pillar has an OD of 89 mm, the wall thickness is min 3 mm & has a 8mm thick, 40cm gusset support at standard height of 1.4m. All fasteners to be of 304 stainless, Torx Anti Vandal Fasteners, All nuts enclosed in Polyamide Anti Vandal Caps. Finishing to be Metalized / Plasma zinc injection + Dupont/Alexta outdoor use color powder electrostatic coating. Safe Zone : 430 X 400 CM. Inclusive of All Taxes and Transportation Charges (Data approved rate)	each	1.00	244660.68	Two Lakh FourtyFour Thousand Six Hundred Sixty Paise SixtyEight Only
22	Supply & fixing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder	each	2.00	149931.25	One Lakh FourtyNine Thousand Nine Hundred ThirtyOne Paise TwentyFive Only

	pply & fixing of HD Sit Up Station : All oducts must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scallopedrimer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to	each	1.00	162968.75	One Lakh SixtyTwo Thousand Nine Hundred SixtyEight Paise SeventyFive Only
24	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	cum	1.80	5655.04	Five Thousand Six Hundred FiftyFive Paise Four Only
25	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum	4.05	5994.45	Five Thousand Nine Hundred NinetyFour Paise FourtyFive Only

26	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	Nos	200.00	451.08	Four Hundred FiftyOne Paise Eight Only
27	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	27.00	88.45	EightyEight Paise FourtyFive Only
28	KSRRB 2.6 Providing and filling sand in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge at the site	cum	150.00	2277.49	Two Thousand Two Hundred SeventySeven Paise FourtyNine Only
29	Supply & fixing of children multi play equipment with spiral slide, monkey bar with number pannel Upright structural posts of height 4.2 m are to be hot dip galvanized steel with a 114 mm OD and 2.2mm wall thickness of tubing . Roof of size 1.9m x 1.7m x 0.77 m spiral slide of size2.56m x 1.85m x 2.68m. Top rails of monkey bar size 1.8m x 1.3m are all robotic welded & fabricated from 48mm OD galvanized steel pipes for the outer bars &32 mm OD galvanized steel for the inner parallel bars with a baked on powder coated finish. Deck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mm thickness or vinyl coated to a thickness of 4mm Deck of size 1.45 x 1.45 m are pressed and punched welded sand blasted powder coated to 2.2mmthickness or vinyl coated to a thickness of 4mm. Deck step platform stairs baffle shall be all robotic welded Inclined ramps of size 1.92m x 0.65m stair case of size 1.5m x 0.77m are fabricated from solid 2mm perforated solid punched steel Frisbee climber piped walls of size 1 m are robotic welded , fabricated from 32 mm OD galvanized steelpipes for outer and 25mm OD galvanized steel pipes for inner bar	each	1.00	1998283.70	Nineteen Lakh NinetyEight Thousand Two Hundred EightyThree Paise Seventy Only

	ply and fixing of childern Play Equipment ero A Swing Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm wall thickness of the tubing. Plastic Components such as swing seats super thick plastic] shall be animated and shall be rotationally molded from antistatic copolymer virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm The rates are to be inclusive of supply and installation at site Inclusive of All Taxes and Transportation Charges Data approved rate	each	1.00	132348.36	One Lakh ThirtyTwo Thousand Three Hundred FourtyEight Paise ThirtySix Only
31	Supply and fixing of childern Play Equipment puppy dog Rider/ Elephant rider/ Horse rider: HDPE of Size 0.83m x 0.31m x0.8m plastic Componenents (super thick plastic) shall be rotationally molded from antistatic , copolymer, virgin linear low density UV stabillized polyethylene, with "color molded" in not added in" all rotational molding is carried out in state of the art, precision bi axial roto moulding machines which helps achive guaranteed unifform wall thickness, seamless joints accurate propcess control, one part construction to make it stress free, specialized connectors such as clamps and couplings are to be cast from aluminium which is pre-treated, and cured with a baked on powder coat finish the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges (data approved rate)	each	2.00	58174.37	FiftyEight Thousand One Hundred SeventyFour Paise ThirtySeven Only
32	Supply and fixing of childern Play Equipment Two seater seesaw The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges Data approved rate	each	2.00	87067.55	EightySeven Thousand SixtySeven Paise FiftyFive Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.